

APPENDIX LIDB

SEPTEMBER 1996

APPENDIX LIDB

AGREEMENT FOR THE PROVISION OF DATA BASE ADMINISTRATION AND LINE INFORMATION DATA BASE (LIDB) STORAGE

This Appendix, between SWBT and LSP sets forth the terms and conditions upon which SWBT will provide data base administration to store LSP's line/billing records in SWBT's Line Information Data Base (LIDB).

WHEREAS, SWBT owns and maintains a Line Validation Administration System (LVAS) that provides facilities for adding, deleting, and changing information in LIDB; and

WHEREAS, SWBT maintains LIDB for various purposes, including the validation of alternately billed service (ABS) requests and the provision of other services; and

WHEREAS LSP desires to have SWBT use LVAS to administer LSP's line information records for the provision of services set forth in the exhibits attached to this Appendix; and

WHEREAS SWBT is willing to provide, where equipment, processing capability and hardware configurations permit, such LVAS services and LIDB storage for LSP; and

WHEREAS, SWBT owns and maintains a Sleuth System that provides facilities for ABS fraud monitoring; and

WHEREAS LSP desires SWBT to use its Sleuth System for ABS fraud monitoring of its telecommunications traffic.

NOW, THEREFORE, in consideration of the mutual promises and undertakings made, the parties agree as follows:

I. DEFINITIONS

As used herein and for the purpose of this Appendix, the following terms shall have the meanings set forth below:

- A. **Alternate Billing Services (ABS)** - A service that allows end users to bill calls to accounts that may not be associated with the originating line. There are three types of ABS calls: calling card, collect and third number billed calls.
- B. **Billed Number Screening (BNS)** - A process which utilizes a database to determine specific characteristics and/or end user preferences with respect to a billed number.

- C. Calling Card Service (CCS) - A service which enables a calling customer to bill a telephone call to a calling card number with or without the help of an operator.
- D. Data Base - An integrated collection of related data. In the case of the LIDB, the data base is the line number and related line information.
- E. Data Base Administration Center (DBAC) - The LIDB input center where the LVAS facility and administrative personnel are currently located.
- F. Exchange - For the purpose of this Appendix, a specific NPA-NXX combination.
- G. Line Validation Administration System (LVAS) - An off-line administrative system, used by SWBT to add, delete and change information in LIDB.
- H. Line Information Data Base (LIDB) - The line information database, which is an ANSI SS7 database system, functions as a centralized repository for data storage and retrieval. LIDB supports validation and recording of ABS requests. LIDB also supports storage, retrieval and recording capabilities for other information that can be associated with an end user's line. Examples of such information are, or are expected to be, originating screening information, ZIP code data and calling name.
- I. Personal Identification Number (PIN) - A confidential four digit code number provided to a calling card customer to prevent unauthorized use of his/her calling card number. The PIN is stored in the LIDB for those line numbers that have an associated calling card.
- J. Response - A single response in a set of predefined expected responses to a request for information contained in a query from a computer processor.
- K. Toll Billing Exception (TBE) - A LIDB option that allows end users to restrict third number billing or collect calls to their lines.
- L. Sleuth - An off-line administration system that SWBT uses to monitor suspected occurrences of ABS-related fraud. Sleuth uses a systematic pattern analysis of query message data to identify potential incidences requiring fraud investigation. Detection parameters are based upon vendor recommendations and SWBT's analysis of collected data and are subject to change from time to time.
- M. Translation Type - A code in the Signaling Connection Control Point (SCCP) of the SS7 signaling message. Translation Types are used for routing LIDB queries.

Signal Transfer Points (STP's) use Translation Types to identify the routing table used to route a LIDB query. All LIDB queries against the same exchange and Translation Type are routed to the same LIDB.

II. RESPONSIBILITIES

A. SWBT shall:

1. Input information provided by LSP into LIDB for the NPA-NXX's set forth in Exhibit 1, NPA-NXX's TO BE ADMINISTERED, attached hereto and made a part hereof. The information to be provided by LSP includes, but is not limited to, Calling Card Service information, Toll Billing Exception information (such as restrictions on collect and third number billing), and class of service information, as well as any information needed by SWBT to provide the services being requested.
2. Provide the functionality needed to perform certain query/response functions on a call-by-call basis for the line / billing records of LSP that reside in SWBT's LIDB. Those query / response functions SWBT will perform are set forth in the Exhibits.
3. SWBT will provide LSP with an alert notification, by fax, or another mutually agreed upon format, when SWBT's Sleuth system indicates probability of a fraud incidence.
4. Provide once annually, on a mutually agreed upon date via paper or tape records, a listing of LSP subscriber line number information residing in LVAS for audit purposes.
5. Determine for billing purposes the number of access lines that are administered for each NPA-NXX for which SWBT performs the database administration function on behalf of LSP. This quantification of access lines administered will be prepared after the initial load of data is complete and subsequently on the first business day of each calendar year.
6. Provide upon written request, such data as is reasonably necessary to verify billing charges for data base administration update functions. This information will be provided in standard SWBT LVAS report formats. Subject to paragraph II.B. below.
7. Provide such data, as is reasonably necessary, to enable the Independent Billing Information System (IBIS) billing statements to be substantiated for

query volumes of LSP line billing records that reside in SWBT's LIDB. This data will be provided in standard Exchange Message Record (EMR) formats.

B. LSP shall:

1. Furnish, prior to the initial LVAS load and as requested by SWBT thereafter, the following forecast data: the number of working line numbers to be established; the average number of monthly changes to these records; the number of busy hour queries, by query type; and the number of annual queries by query type. If SWBT, at its discretion, determines that it lacks adequate storage, or processing capability, prior to the initial loading of LSP information, SWBT will notify LSP of its intent to not provide to it the Services under this Appendix and this Appendix will be void.
2. Should the quantity of LSP's access lines change by more than 15% from the beginning of the calendar year, LSP shall report the updated access lines information to SWBT within 30 days of such change so SWBT can perform accurate billing.
3. Furnish all the line/billing records in a format required by SWBT to establish records in LIDB for all working line numbers, not just line numbers associated with calling card PIN or Toll Billing Exceptions (TBE).
4. Inform SWBT of any necessary changes to be made in such records. LSP will keep these records current using reporting forms, formats and procedures which are acceptable to SWBT as set forth below:
 - (a) **MANUAL MEDIA** - Paper records received at the DBAC to be input into LVAS by a DBAC clerk. This option is limited to those companies with 1,000 Access Lines, or less. This option is available for both initial line information load and ongoing service order updates.
 - (b) **DIAL-IN MEDIA** - LVAS is directly accessed via a dial-up terminal or personal computer with dial-up/dial back capabilities compatible with SWBT's LVAS hardware and software. This option is available for both initial data load and ongoing updates.

- (c) **FILE TRANSFER MEDIA** - Files received at a SWBT-designated computer retrieval, by LVAS. SWBT and LSP will agree upon the file transfer protocol. This option is available for both initial data loading and ongoing updates.
 - (d) **TAPE MEDIA** - Load information, recorded on nine-track tapes and received at a designated SWBT location for input in LVAS. LSP will format the nine-track tapes, as specified in GR-446-CORE, Issue 2, June 1994, as revised. LSP will provide exchange records (NPA-NXX) and line records on separate tapes. This option is limited to initial load only.
- 5. Verify to SWBT, once annually, line information data residing in LVAS by reviewing the listing of line information data provided in accordance with Section II, A.4 preceding. LSP will provide to SWBT all additions, deletions, and corrections resulting from its verification on, or before, the fourteenth business day following its receipt of line information verification reports produced by SWBT for audit purposes.
 - 6. Provide SWBT with a contact name, and fax number for SWBT to fax alerts from SWBT's Sleuth System.
 - 7. Pay SWBT the amount billed for the services rendered, in accordance with Sections IV and V, detailed below.
 - 8. Be willing to bill the appropriate charges to end users, on behalf of third parties who query LIDB and receive a response validating the end user's willingness to accept the charges for the underlying call.

III. METHODS AND PRACTICES

With respect to all matters covered by this Appendix, each party will adopt and comply with SWBT standard operating methods and procedures and will observe the rules and regulations which cover the administration of LVAS service and the Sleuth System, as set forth in SWBT practices. The parties acknowledge that those practices may be changed by SWBT from time to time.

IV. BASIS OF COMPENSATION

Compensation to SWBT for LVAS service shall be based upon the rates set forth in Exhibit II, BASIS OF COMPENSATION, attached hereto and made a part hereof. These rates will apply for one (1) year from the service effective date for each exchange.

After one (1) year, SWBT may change the rates upon seventy-five (75) days' notice. SWBT may first give such notice seventy-five (75) days before the end of the first year.

V. MONTHLY BILLING

Billing statements hereunder will be rendered monthly by SWBT and remittance in full will be made to SWBT within thirty (30) days of the billing date.

VI. LIABILITY

- A. SWBT shall not be liable for any losses or damages arising out of errors, interruptions, defects, failures, or malfunction of LVAS, including any and all associated equipment and data processing systems, except such losses or damages caused by the sole negligence of SWBT. Any losses or damage for which SWBT is held liable under this Appendix shall in no event exceed the amount of charges made for LVAS during the period beginning at the time SWBT receives notice of the error, interruption, defect, failure or malfunction to the time service is restored.
- B. SWBT shall not be liable for any losses or damages arising out of SWBT's administration of Sleuth.
- C. SWBT SHALL NOT BE LIABLE IN ANY EVENT FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES RESULTING FROM, OR ARISING OUT OF, OR IN CONNECTION WITH, THIS APPENDIX.
- D. LSP agrees to release, indemnify, defend, and hold harmless SWBT from any and all claims, demands, or suits brought by a third party against SWBT, directly or indirectly, arising out of SWBT's provision of service under this Appendix.

VII. DISCLAIMER OF WARRANTIES

SWBT MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR INTENDED OR PARTICULAR PURPOSE WITH RESPECT TO LVAS SERVICE, LIDB OR THE SLEUTH SYSTEM. ADDITIONALLY, SWBT ASSUMES NO RESPONSIBILITY WITH REGARD TO THE CORRECTNESS OF THE DATA SUPPLIED BY LSP WHEN THIS DATA IS ACCESSED AND USED BY A THIRD PARTY.

VIII. MUTUALITY

LSP agrees that to the extent it offers the type of services covered by this Appendix to any company, that should SWBT request such services, LSP will provide such services to SWBT under terms and conditions comparable to the terms and conditions contained in this Appendix.

APPENDIX LIDB

EXHIBIT I

EXCHANGES TO BE ADMINISTERED

SWBT shall provide Line Validation Administration System (LVAS) services for the following LSP exchanges:

EXCHANGE NAME

NPA NXX

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EXHIBIT II

BASIS OF COMPENSATION

COMPENSATION :

To determine compensation to SWBT for Data Base Administration Services provided, the following rates will apply (rate structure has flat rate charge, plus an additional charge per 100 access lines):

<u>UPDATED MEDIA USED</u>	<u>INITIAL LOAD</u>	<u>ONGOING UPDATES</u>
A. Manual (\leq 1,000 Line).	\$XX.XX	\$XX.XX
Charge per 100 access lines	\$XX.XX	\$XX.XX
B. File Transfer	\$XX.XX	\$XX.XX
Charge per 100 access lines	\$XX.XX	\$XX.XX
C. Tape	\$XX.XX	Tape Option Not Available for Updates
Charge per 100 access lines	\$XX.XX	
D. Dial-in	\$XX.XX	\$XX.XX
Charge per 100 access lines	\$XX.XX	\$XX.XX

SWBT will credit 25% per query and per query transport to LSP for each query that is made against its data, stored in SWBT's LIDB.

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EXHIBIT III

CALLING CARD AND BILLED NUMBER SCREENING VALIDATION

SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to:

1. Validate a 14-digit billing number where the first 10 digits are a telephone number or a special billing number assigned and the last four digits (PIN) are a security code assignment.
2. Determine whether the billed line automatically rejects, accepts, or requires verification of certain calls billed as collect or third number.
3. Determine whether the billed line is a public telephone number using the Class of Service information in the LIDB.

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EXHIBIT IV

CNAM SERVICE (GENERIC NAME)

Upon receipt of the line/billing information from LSP, in a format acceptable to SWBT, SWBT will provide the functionality needed to perform the following query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to identify the name associated with the line record.

Calling Name records are limited to fifteen characters. LSP is responsible for providing all name truncations and/or abbreviations needed to limit a calling name to 15 characters. LSP is also responsible for ensuring that its calling name data does not contain obscenities in English or other languages. Upon receipt of Calling Name data, in a format acceptable to SWBT, SWBT will provide the query/response functions, on a call-by-call basis, for the line/billing records residing in SWBT's LIDB to identify the name associated with the line record.

APPENDIX RECORDING

SEPTEMBER 1996

Appendix RECORDING

RECORDING, MESSAGE PROCESSING AND PROVISION OF INTEREXCHANGE CARRIER TRANSPORTED MESSAGE DETAIL APPENDIX

This Appendix sets forth the terms and conditions under which SWBT will provide recording, message processing and message detail services as described in total in Exhibit I, **SERVICES AND ASSOCIATED CHARGES**, and those services specifically selected by LSP as described in Exhibit II, **SELECTED SERVICE OPTIONS AND METHOD OF PROVISION**, at the rates set forth in Exhibit III, **BASIS OF COMPENSATION**, and Exhibit IV, **PROVISION OF AUR SOURCE INFORMATION**. Exhibits I, II, III, and IV are attached hereto and made a part of this Appendix by reference.

I. DEFINITIONS

As used herein and for the purposes of this Appendix, the following terms shall have the meanings set forth below:

- A. Access Usage Record (AUR) - a message record which contains the usage measurement reflecting the service feature group, duration and time of day for a message and is subsequently used to bill access to Interexchange Carriers (IXCs).
- B. Assembly and Editing - the aggregation of recorded customer message details to create individual message records and the verification that all necessary information required to ensure all individual message records meet industry specifications is present.
- C. Billable Message - a message record containing details of a completed IXC transported call which is used to bill an end user.
- D. Billing Company - the company that bills end users for the charges incurred in originating and terminating IXC transported calls.
- E. Centralized Message Distribution System (CMDS) - the national network of private line facilities used to exchange Exchange Message Records (EMR) formatted billing data between SWBT and the Billing Company.
- F. Data Transmission - the forwarding by SWBT of IXC transported toll message detail and/or access usage record detail in EMR format over data lines or on magnetic tapes to the appropriate Billing Company.
- G. Interexchange Carrier (IXC) - A third party transmission provider that carries long distance voice and non-voice traffic between user locations for a related recurring fee. IXCs provide service interstate and intrastate. In some states IXCs are permitted to operate within a LATA.
- H. Interexchange Carrier Transported - telecommunications services provided by an Interexchange Carrier or traffic transported by facilities belonging to an Interexchange Carrier.

- I. Originating Local Exchange Carrier Company - the company whose local exchange telephone network is used to originate calls thereby providing originating exchange access to DXCs.
- J. Message Processing - the creation of individual EMR formatted billable message detail records from individual recordings that reflect specific billing detail for use in billing the end user and/or access usage records from individual recordings that reflect the service feature group, duration and time of day for a message, Carrier Identification Code, among other fields, for use in billing access to the Interexchange Carriers. Message Processing includes performing CMDS online edits required to ensure message detail and access usage records are consistent with CMDS specifications.
- K. Provision of Message Detail - the sorting of all billable message detail and access usage record detail by Revenue Accounting Office, Operating Company Number or Service Bureau, splitting of data into packs for invoicing, and loading of data into files for data transmission to LSP for those records created internally or received from other Local Exchange Carrier Companies or Interexchange Carriers through SWBT's internal network or national CMDS.
- L. Rating of Billable Messages - the computing of applicable charges for each message based on the Interexchange Carrier's schedule of rates.
- M. Record - a logical grouping of information as described in the programs that process information and create the magnetic tapes or data files.
- N. Recording - the creation and storage on magnetic tape or other medium of the basic billing details of a message in Automatic Message Accounting (AMA) format.
- O. Recording Company - the company that performs the functions of recording and message processing of Interexchange Carrier (IXC) transported messages and the provision of message detail.
- P. Service Switching Point (SSP) - a signaling point that can launch queries to databases and receive/interpret responses used to provide specific customer services.
- Q. Switching Control Point (SCP) - the real time database system that contains routing instructions for 800 calls. In addition to basic routing instructions, the SCP may also provide vertical feature translations, i.e., time of day, day of week routing, out of area screening and/or translation of the dialed 800 number to its assigned working telephone number.
- R. 800 SCP Carrier Access Usage Summary Record (SCP Record) - A summary record which contains information concerning the quantity and types of queries launched to a SWBT SCP. In those situations where charges are applicable for the production and delivery of SCP records, such charges will be those specified in Exhibit III-A pertaining to the production and forwarding of AUR data.
- S. Terminating Local Exchange Carrier Company - the company whose local exchange

telephone network is used to terminate calls thereby providing terminating exchange access to IXCs.

II. RESPONSIBILITIES OF THE PARTIES

- A. SWBT will record all IXC transported messages for LSP carried over all Feature Group Switched Access Services that are available to SWBT-provided recording equipment or operators. Unavailable messages (i.e., certain operator messages which are not accessible by SWBT-provided equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by SWBT.
- B. SWBT will perform assembly and editing, message processing and provision of applicable billable message detail for IXC transported messages if the messages are recorded by SWBT. In those instances where LSP has not signed a rating takeback waiver with AT&T, SWBT will also rate billable message detail and forward to the appropriate billing company. If LSP has signed a rating takeback waiver, SWBT will perform assembly and editing and forward the billable message detail to AT&T for rating on behalf of LSP.
- C. SWBT will provide access usage records if they are generated by SWBT or if source information has been purchased from the IXC on behalf of LSP.
- D. Assembly and editing will be performed on all IXC transported messages recorded by SWBT, or on all source information purchased on behalf of LSP during the billing period established by SWBT and selected by LSP from Exhibit III-B.
- E. Standard EMR record formats for the provision of billable message detail and access usage record detail will be established by SWBT and provided to LSP.
- F. Recorded billable message detail and access usage record detail will not be sorted to furnish detail by specific end users, by specific groups of end users, by office, by feature group or by location.
- G. SWBT will provide message detail to LSP either on magnetic tapes or in data files, depending on the option contracted for by LSP in Exhibit III. Only ONE method may be selected by the LSP.
 - 1. Magnetic Tapes
 - a. SWBT will supply the magnetic tapes, which will be provided without the return of previously supplied tapes.
 - b. LSP will specify one of the following options for provision of tapes:
 - 1) SWBT may send the tapes to LSP via first class U.S. Mail Service or an equivalent service of SWBT's choice, or
 - 2) LSP may pick up the magnetic tapes at a location designated by SWBT.

- 3) If, at the request of LSP, overnight delivery other than those provided in 1 & 2 above is requested, the cost of this delivery will be at the expense of LSP.

2. Data Files

The message detail may be transmitted to LSP in data files via data lines using software and hardware acceptable to both parties.

- H. In Exhibit III LSP will identify separately the location where the tapes and any data transmissions should be sent (as applicable) and the number of times each month the information should be provided. SWBT reserves the right to limit the frequency of transmission to existing SWBT processing and work schedules, holidays, etc.
- I. SWBT will determine the number of magnetic tapes or data files required to provide the recorded billable message detail and access usage record detail to LSP.
- J. Recorded billable message detail and/or access usage record detail previously provided LSP and lost or destroyed through no fault of SWBT will not be recovered and made available to LSP except on an individual case basis at a cost determined by SWBT.
- K. When SWBT receives rated billable messages from an Interexchange Carrier or another Local Exchange Carrier that are to be billed by LSP, SWBT will forward those messages to LSP.
- L. When SWBT has rated billable message detail originating from LSP's end users requiring billing by another Local Exchange Carrier, SWBT will forward such messages to the appropriate Billing Company.
- M. SWBT will record the applicable detail necessary to generate access usage records and forward them to LSP for its use in billing access to the Interexchange Carrier.

III. BASIS OF COMPENSATION

- A. Compensation for recording, assembly and editing, rating, message processing and provision of messages provided hereunder by SWBT for the LSP shall be based upon the rates and charges set forth in Exhibit III, BASIS OF COMPENSATION.
- B. When message detail is entered on a magnetic tape or data file for provision of message detail to LSP, a per record charge will apply for each record processed. SWBT will determine the charges based on its count of the records processed.

IV. LIABILITY

- A. Except as otherwise provided herein, neither party shall be liable to the other for any special, indirect, or consequential damage of any kind whatsoever. A party shall not be liable for its inability to meet the terms of this Agreement where such inability is

caused by failure of the first party to comply with the obligations stated herein. Each party is obliged to use its best efforts to mitigate damages.

- B. When the Recording Company is notified that, due to error or omission, incomplete data has been provided to the LSP, the Recording Company will make reasonable efforts to locate and/or recover the data and provide it to the LSP at no additional charge. Such requests to recover the data must be made within 30 days from the date the details initially were made available to the LSP. If written notification is not received within 30 days, the Recording Company shall have no further obligation to recover the data and shall have no further liability to the LSP.
- C. If, despite timely notification by the LSP, message detail is lost and unrecoverable as a direct result of the Recording Company having lost or damaged tapes or incurred system outages while performing recording, assembly and editing, rating, message processing, and/or transmission of message detail, the Recording Company will estimate the volume of lost messages and associated revenue based on information available to it concerning the average revenue per minute for the average interstate and/or intrastate call. In such events, the Recording Company's liability to the LSP shall be limited to the granting of a credit adjusting amounts otherwise due from it equal to the estimated net lost revenue associated with the lost message detail.
- D. The Recording Company will not be liable for any costs incurred by the LSP when the LSP is transmitting data files via data lines and a transmission failure results in the non-receipt of data by the Recording Company.
- E. The LSP agrees to defend, indemnify, and hold harmless the Recording Company from any and all losses, damages, or other liability, including attorney fees, that it may incur as a result of claims, demands, or other suits brought by any party that arise out of the use of this service by the LSP, its customers or end users. The LSP shall defend against all end users' claims just as if the LSP had provided such service to its end users with its own employees.
- F. The LSP also agrees to release, defend, indemnify and hold harmless the Recording Company from any claim, demand or suit that asserts any infringement or invasion of privacy or confidentiality of any person(s), caused or claimed to be caused, directly or indirectly, by Recording Company employees and equipment associated with provision of this service. This includes, but is not limited to suits arising from disclosure of any customer specific information associated with either the originating or terminating numbers used to provision this service.
- G. The LSP also agrees to release, defend, indemnify and hold harmless the Recording Company from any claim, demand or suit to perform under this contract should any regulatory body or any State or Federal Court find the existing terms of this contract to either be illegal, unenforceable, against public policy, or improper for the Recording Company.

The attached pages of this Exhibit I show the service options that are offered under this Appendix and the charges that are associated with each option. Alphabetical and numerical

references in the CHARGES columns are to rates and charges set forth in Exhibit III. BASIS OF COMPENSATION.

EXPLANATION OF SERVICE OPTIONS

ORIGINATING 1+ DDD RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

- Option #1: SWBT performs recording, assembly and editing, rating of billable message detail and creates an Access Usage Record (AUR) for all 1+ Interexchange Carrier (IXC) transported messages originating from LSP end office telephone network and forwards both billable message detail records and AUR records to LSP.
- Option #2: SWBT performs recording, assembly and editing of the billable message detail and extracts that detail to the IXC for all 1+ IXC transported messages originating from LSP end office. SWBT creates Access Usage Records for this traffic and forwards those AUR records to LSP.
- Option #3: The Interexchange Carriers do own billable message recording for their 1+ IXC transported messages originating from LSP end office. SWBT performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards the AUR records to LSP.

ORIGINATING OPERATOR RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS

- Option #4: LSP Non-Equal Access End Office - The Interexchange Carriers do their own billable message recording. SWBT performs local and intraLATA operator services for LSP. SWBT performs recording at the operator switch for all 0+, 0-, Coin Sent Paid, CAMA and International IXC transported messages. SWBT assembles and edits this data, creates AURs and forwards the AUR records to LSP.
- Option #5: LSP Equal Access End Office - The Interexchange Carriers do own billable message recording. SWBT performs local and intraLATA operator services for LSP. SWBT performs recording at the operator switch for 0- only IXC transported messages. SWBT assembles and edits this data, creates AURs and forwards the AUR records to LSP.
- Option #6: LSP Equal or Non-Equal Access End Office - Interexchange Carriers do own billable message recording. LSP chooses to have SWBT purchase source information from IXC in order to have information required to create Access Usage Records. SWBT assembles and edits this data, creates AURs and forwards the AUR records to LSP.
- Option #7: Interexchange Carrier does [its?] own billable message recording and forwards to SWBT the billable message detail for assembly and editing and rating of these operator service IXC transported messages. SWBT forwards the rated billable message detail to the appropriate billing company, creates an AUR and forwards the AUR records to LSP. This situation occurs when the LSP has not signed a rating takeback waiver with the Interexchange Carrier.

800 RECORDINGS - IXC TRANSPORTED MESSAGE DETAIL

- Option #8: SWBT performs SSP function for LSP end office and bills query charge to the appropriate Interexchange Carrier. SWBT performs recording for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to LSP.
- Option #9: SWBT performs SSP function for LSP end office. LSP performs billing of query charge to the appropriate Interexchange Carrier. SWBT performs recording at the SSP for Access purposes only, assembles and edits this data, creates AURs and forwards AUR records to LSP. SWBT performs recording at the SCP for query billing purposes only, assembles and edits this data, creates SCP records and forwards SCP records to LSP.
- Option 10: SWBT performs SCP function for LSP. SWBT performs recording at the SCP, assembles and edits this data, creates SCP records and forwards SCP records to LSP.

TERMINATING RECORDINGS - IXC TRANSPORTED ACCESS USAGE RECORDS

- Option 11: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group B, Feature Group C and Feature Group D terminating usage recordings including Feature Group B over D and Feature Group C over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.
- Option 12: SWBT provides tandem function for LSP. The LSP requests SWBT to provide all Feature Group B terminating usage recordings excluding B over D. SWBT creates terminating AURs for this data and forwards AUR records to LSP.
- Option 13: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group B terminating usage recordings including Feature Group B over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.
- Option 14: SWBT provides tandem function for LSP. LSP requests SWBT to provide all Feature Group D terminating usage recordings including B over D and C over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.
- Option 15: SWBT provides tandem function for LSP. The LSP requests SWBT to provide all Feature Group D terminating usage recordings including B over D. SWBT creates terminating AURs for this data and forwards AUR records to the LSP.

MESSAGE PROVISIONING:

- Option 16: SWBT will forward all IXC transported message detail records or access usage records to LSP generated internally within SWBT system or received via CMDS from an Interexchange Carrier or another Local Exchange Carrier telephone

company. LSP forwards rated EXC transported message detail or access usage detail to SWBT for distribution to the appropriate billing company through SWBT's internal network or using the CMDS network.

**APPENDIX RECORDING
EXHIBIT I****SERVICES and ASSOCIATED CHARGES****ORIGINATING 1+ DDD RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS**

SERVICE OPTION NUMBER	<u>Recording</u>	<u>Assembly & Editing</u>	<u>Rating</u>	<u>Message Processing</u>	<u>Provision of Message Detail</u>	<u>Source Information</u>
1	A	B	C	D	E	N/A
2	A	B		D	E	N/A
3	A	B		D	E	N/A

**APPENDIX RECORDING
EXHIBIT I****SERVICES and ASSOCIATED CHARGES****ORIGINATING OPERATOR RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS**

SERVICE OPTION NUMBER	<u>Recording</u>	<u>Assembly & Editing</u>	<u>Rating</u>	<u>Message Processing</u>	<u>Provision of Message Detail</u>	<u>Source Information</u>
4	A	B		D	E	
5	A	B		D	E	
6		B		D	E	F1 or F2
7		B	C	D	E	

**APPENDIX RECORDING
EXHIBIT I****SERVICES and ASSOCIATED CHARGES****800 SERVICE RECORDINGS
IXC TRANSPORTED MESSAGE DETAIL AND ACCESS USAGE RECORDS**

SERVICE OPTION NUMBER	<u>Recording</u>	<u>Assembly & Editing</u>	<u>Rating</u>	<u>Message Processing</u>	<u>Provision of Message Detail</u>	<u>Source Information</u>
8	A	B		D	E	
9	A	B		D	E	
10	A	B		D	E	